FIG. 1

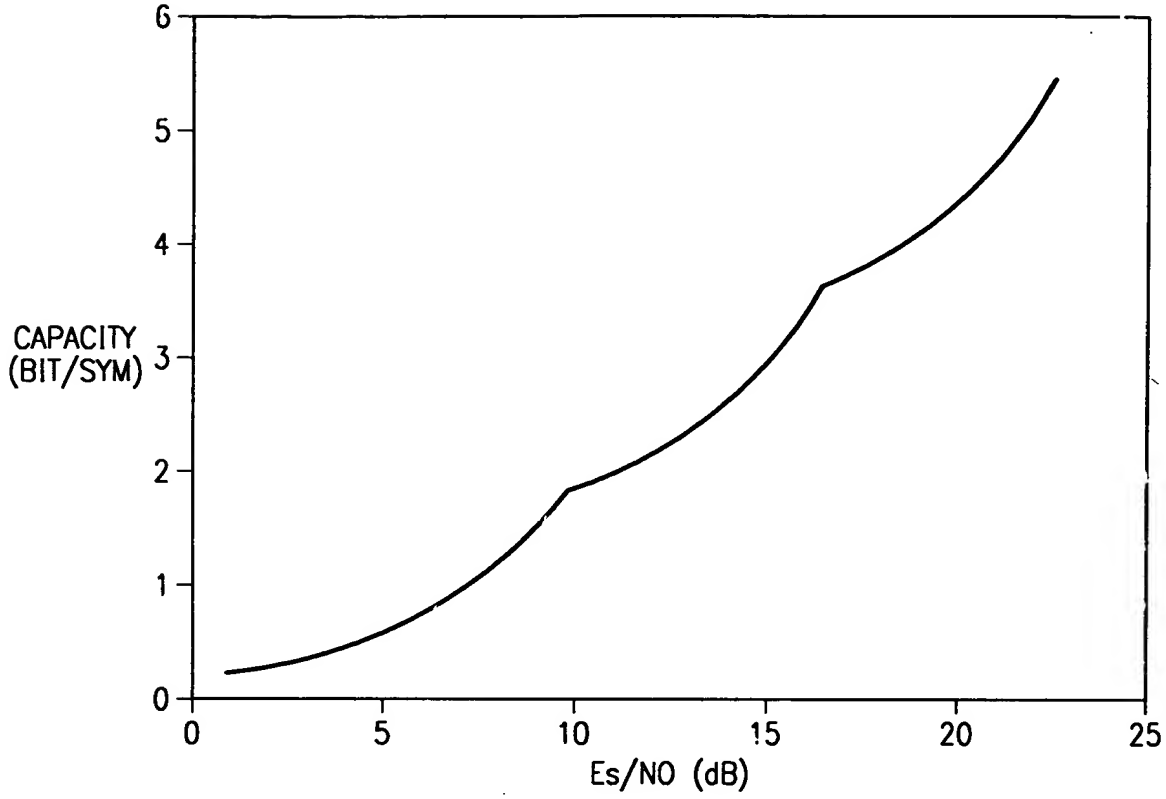

CAPACITY
(BIT/SYM)
0
1
2
3
4
5
6
0
5
10
15
20
25
Es/NO (dB)

FIG. 2

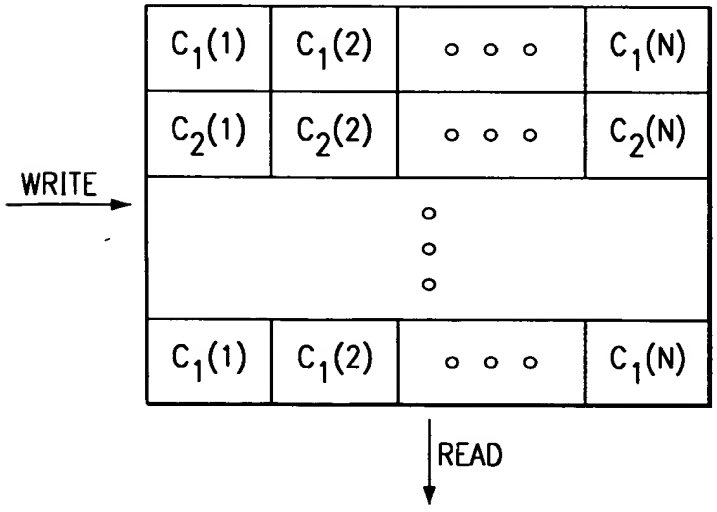

WRITE
$C_1(1)$ $C_1(2)$ o o o $C_1(N)$
$C_2(1)$ $C_2(2)$ o o o $C_2(N)$
o
o
o
$C_1(1)$ $C_1(2)$ o o o $C_1(N)$
READ

FIG. 3

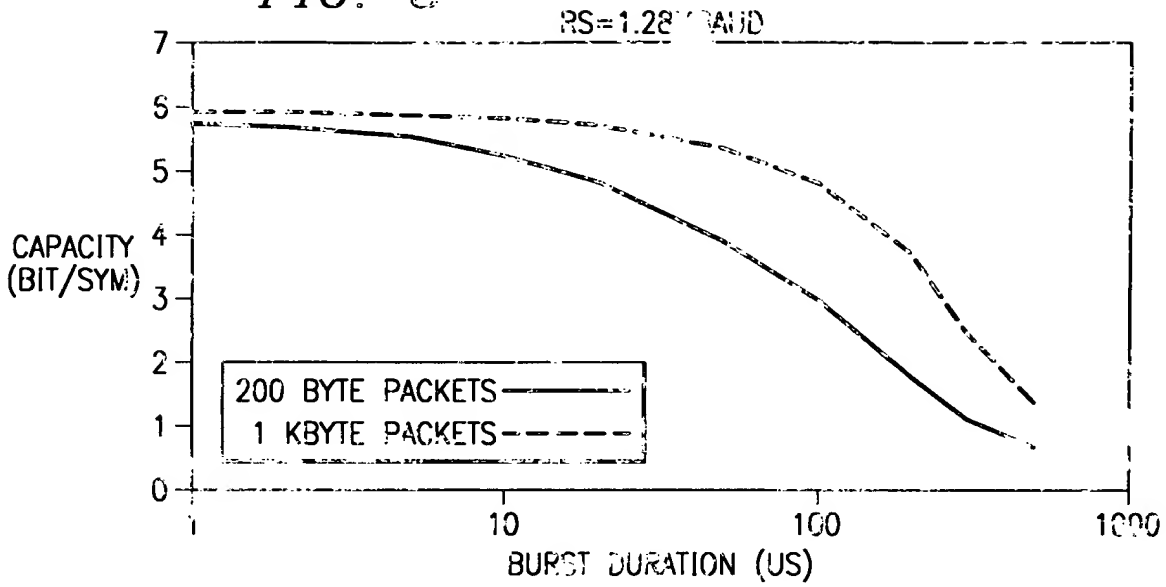
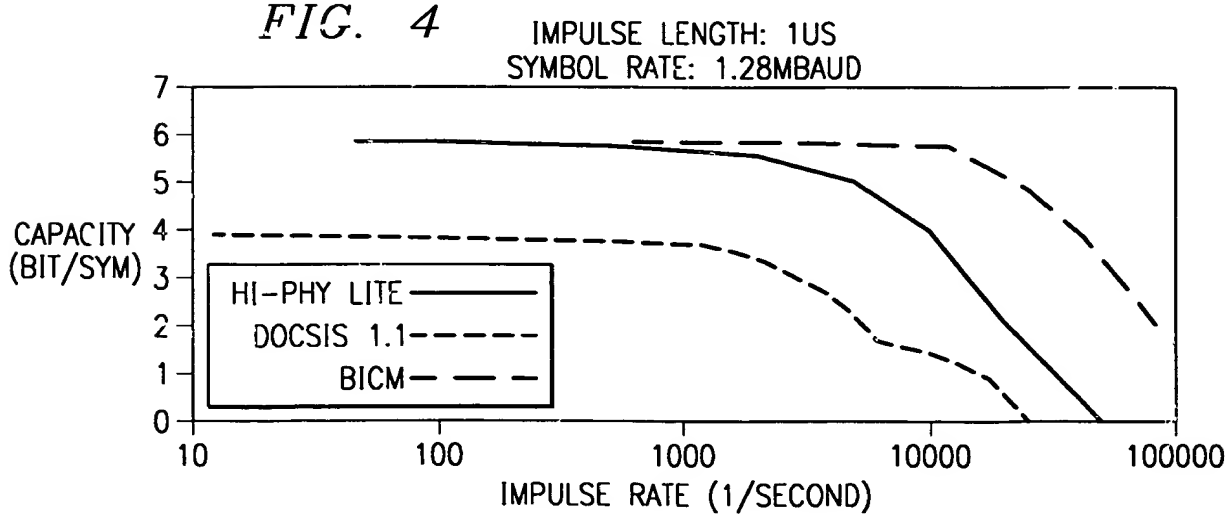

RS=1.28 MBAUD
CAPACITY (BIT/SYM)
7
6
5
4
3
2
1
0
200 BYTE PACKETS
1 KBYTE PACKETS
10
100
1000
BURST DURATION (US)

FIG. 4


IMPULSE LENGTH: 1US
SYMBOL RATE: 1.28MBAUD
CAPACITY (BIT/SYM)
7
6
5
4
3
2
1
0
HI-PHY LITE
DOCSIS 1.1
BICM
10
100
1000
10000
100000
IMPULSE RATE (1/SECOND)